

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



557 295

(43) International Publication Date
2 December 2004 (02.12.2004)

PCT

(10) International Publication Number
WO 2004/103742 A1

(51) International Patent Classification⁷:

B60F 3/00

(21) International Application Number:

PCT/GB2004/002143

(22) International Filing Date: 19 May 2004 (19.05.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0311498.0 19 May 2003 (19.05.2003) GB

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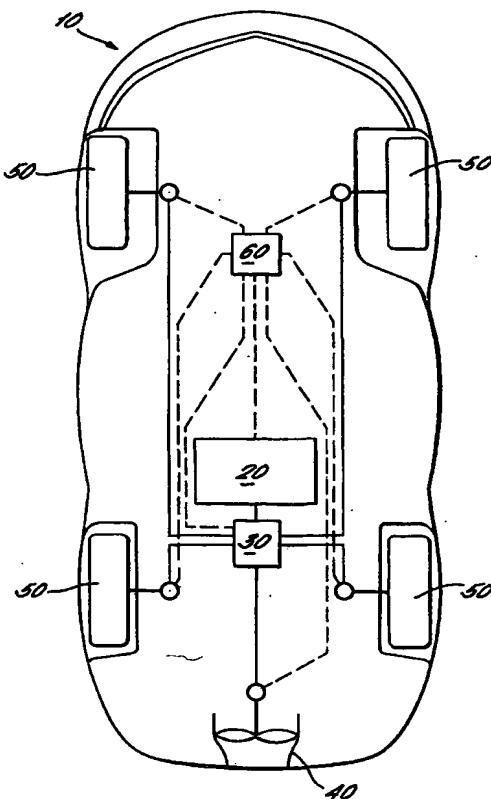
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: A PROPULSION SYSTEM FOR AN AMPHIBIOUS VEHICLE



(57) Abstract: Amphibious vehicle (10), with reference to fig. 1, which may plane on water, has a propulsion system comprising prime mover (20), power transmission means (30), marine propulsion means (40), and land propulsion means (50). Vehicle (10) is operable in marine mode or land mode. Common controls are used on land and water; the steering control travel may be the same in each mode. Power is transmitted to the marine propulsion means in marine mode; and to both marine and land propulsion means in land mode. The power transmission ratio between land and marine propulsion means may be variable in land mode. The propulsion control means (60) may comprise electronic processing means and/or electrical, mechanical, hydraulic, or electromechanical actuation devices, or any combination thereof. Prime mover (20) may comprise an internal combustion engine; an electric motor; a fuel cell; a hybrid engine; or any combination thereof. The transmission means may be mechanical, electric, or hydraulic.

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SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- *of inventorship (Rule 4.17(iv)) for US only*

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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